

Special Issue

Advances and Application of Fuzzy Sets, Decision Making and Soft Computing

Message from the Guest Editors

The development of fuzzy set theory is still in its infancy, but it has undergone numerous diversifications. Academics and practitioners have granted considerable attention to fuzzy sets theory, which has been applied in a range of fields. Soft computing, on the other hand, is a relatively novel paradigm that offers tools and techniques for handling incomplete and/or uncertain information regarding real-world problems. The theory of uncertainty depends heavily on fuzzy sets. For complicated linguistic and numerical modelling applications, fuzzy sets and soft computing offer a wide array of theoretical and practical tools. This Special Issue aims to publish original or review articles that focus on the current advances in, methodologies, and applications of fuzzy set extensions. Special attention will be paid to research works that address practical problems with regard to the application of decision-making methods in fuzzy modeling, fuzzy information fusion, multi-criteria decision making, and soft computing. Contributions that attend to the following topics are particularly welcome: :

Guest Editors

Dr. Mijanur Rahaman Seikh

Department of Mathematics, Kazi Nazrul University, Asansol 713340, India

Prof. Dr. Oscar Castillo

Division of Graduate Studies and Research, Tijuana Institute of Technology, Tijuana 22414, Mexico

Deadline for manuscript submissions

closed (31 March 2024)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/172256

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).